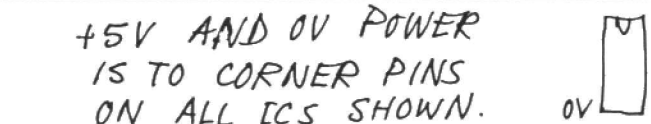
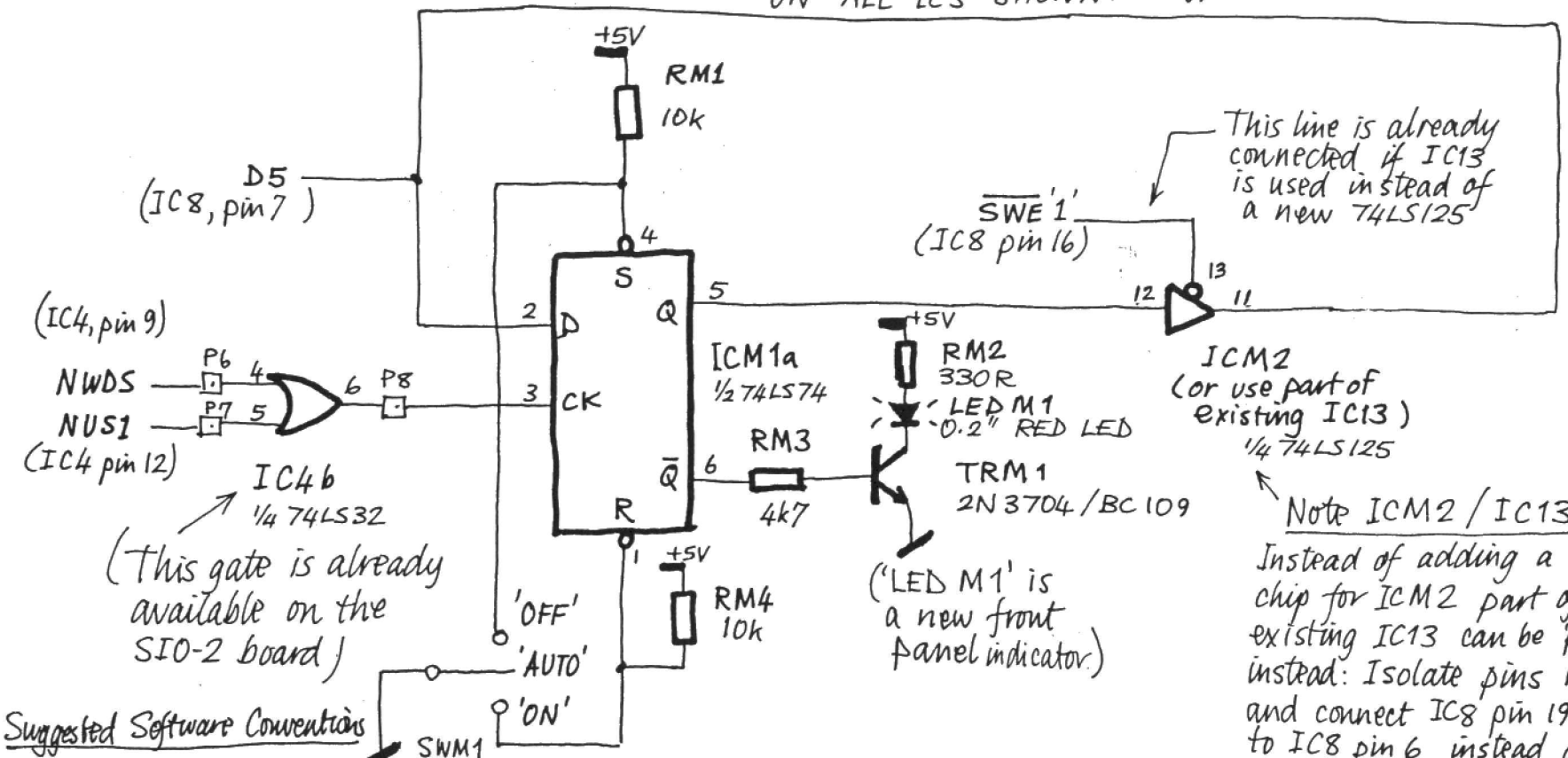
+5V AND 0V POWER IS TO CORNER PINS ON ALL ICS SHOWN.





Suggested Software Conventions

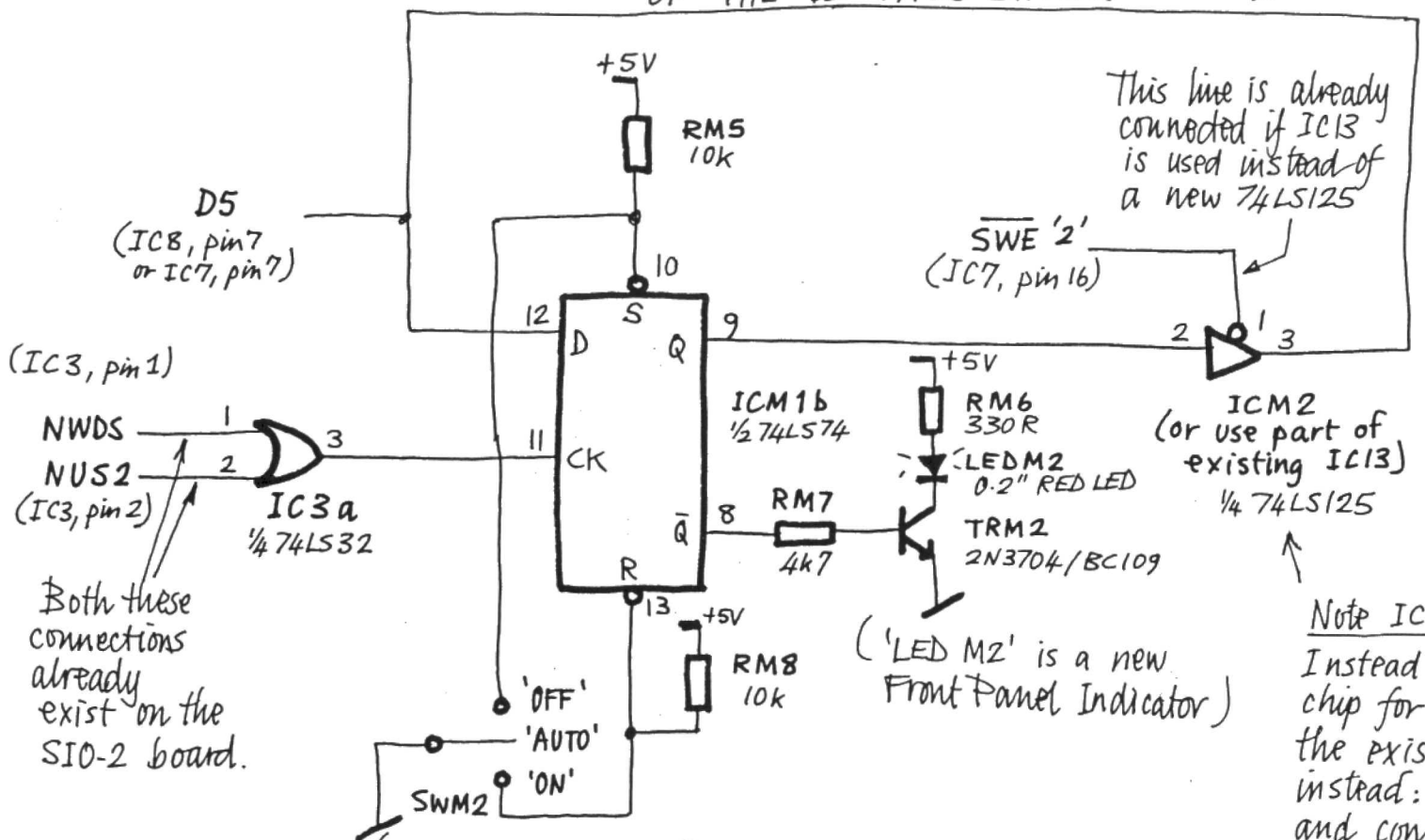
Output a 'ø' to bit 5 of the UART Status Port to enable the Tape UART. (Assuming SWM1 is in the 'auto' position) – a ø on bit 5 will also turn on LEDM1.

Make service conditional on finding a 'ø' at Bit 5, on 'inputting' from the Status PORT.

Withold service if a '1' is found (e.g. SWM1 is 'OFF' or the whole board is absent.)

	Drawn D.M.P.	**Greenbank Electronics**
	Date 22.1.81	MODIFICATION TO KEMITRON'S SIO-2 BOARD TO PERMIT A FRONT PANEL TAPE UART SWITCH
	Scale –	AN-C29/1 — 1 OF 2

+5V AND 0V POWER SUPPLIES ARE CONNECTED TO THE CORNER PINS OF THE IC TYPES SHOWN



Suggested software conventions

Output a 'Ø' to bit 5 of the UART Status Port to enable the Printer UART (Assuming SWM2 is in the 'auto' position.) - a Ø on bit 5 will also turn on 'LEDM2'.

Make service conditional on finding a 'Ø' at Bit 5 on 'inputting' from the Status Port.

Withold service if a '1' is found (e.g. SWM2 is 'OFF' or the whole board is absent)

Note ICM 2/IC13:

Instead of adding a new chip for ICM2 part of the existing IC13 can be used instead: Isolate pins 2 and 3 and connect IC7 pin 19 directly to IC7 pin 6, instead of through the buffer.

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	Date 22-1-81	MODIFICATION TO KEMITRON'S SIO-2 BOARD TO PERMIT A 'FRONT PANEL PRINTER UART SWITCH
	Scale –	AN-C29/1 — 2 OF 2